

ABSTRACT

Aspects of the invention relate to workflow management devices, workflow management systems, workflow management methods, workflow assignment methods, and data processing methods. In one aspect, a workflow management device includes a communications interface configured to receive a user request having one or more user-desired product properties to achieve a user-desired product. The communications interface is further configured to communicate with one or more devices located external of the workflow management device. The management device also includes a storage device configured to store data for processing the user request, and processing circuitry configured to process the user request using the data to produce a transformed user request. The transformed user request includes information for automatically organizing workflow to process the one or more user-desired product properties to achieve the user-desired product.